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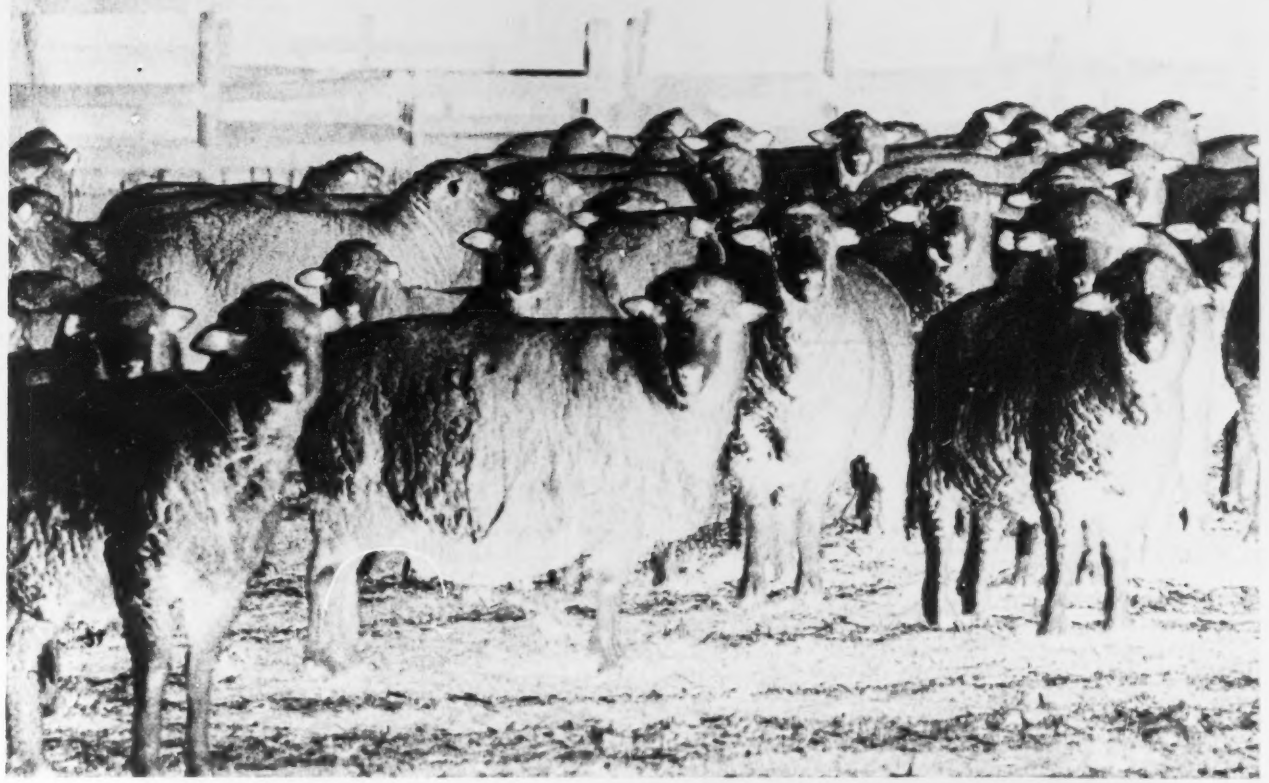
California Agriculture-1980

State of California
Edmund G. Brown Jr., Governor

Department of Food and Agriculture
Richard Rominger, Director



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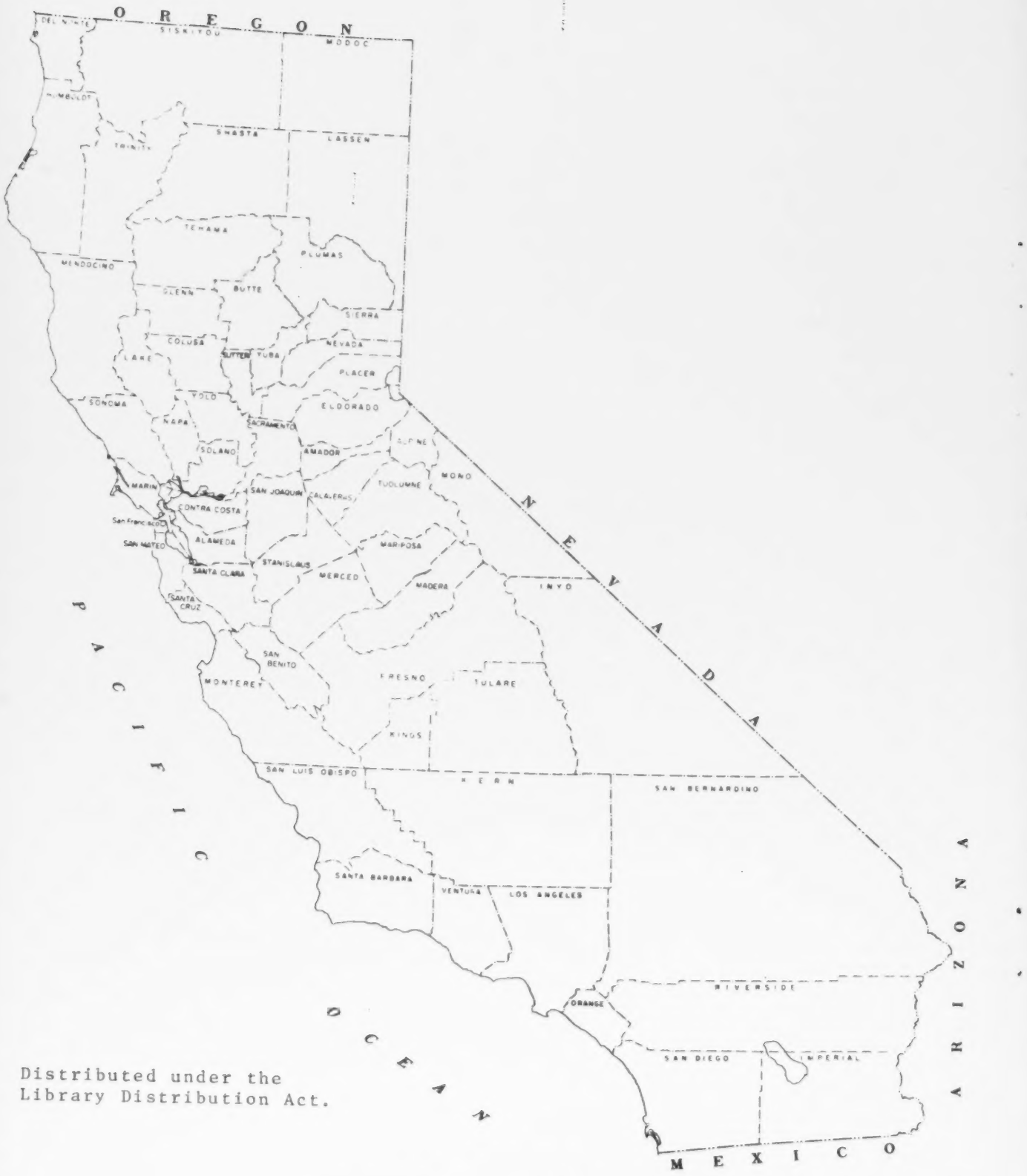

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CALIFORNIA AGRICULTURE

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CALIFORNIA AGRICULTURE

(Statistical Review for 1980)

California led the Nation in gross cash farm receipts again in 1980 with nearly 10 percent of the national total from only 3 percent of the Nation's farms. The State's farmers received $13.7 billion for a record 51.3 million tons of farm products. Total volume of production was up 4 percent from 1979 and gross receipts increased 9 percent.

Record harvests in 1980 were recorded for wheat, rice, grapes, Bartlett pears, and Navel oranges. Milk production reached a new high of 13.5 billion pounds. Producers of broilers and turkeys also set new production records. Milk and cream receipts of $1,771 million overtook marketings of cattle and calves ($1,439 million) as California's major agricultural product. Cotton ($1,389 million) was third, followed by grapes ($1,216 million), and hay ($723 million).

The 1980 production was composed of 27.6 million tons of field crops, 12.4 million tons of vegetables, and 11.3 million tons of fruit and nuts. Combined acreage of California's principal crops in 1980 totaled 9.5 million acres, up slightly from 1979.

FIELD CROPS: California field crop production increased in 1980 to 27,569,000 tons (25,010,500 metric tons), up 5 percent from 1979. This is the largest production tonnage since the 1976 record production of 28,929,200 tons. About 6,826,000 acres were harvested in 1980 compared to 6,684,000 acres harvested in 1979 -- an increase of 2 percent. Value of the 1980 field crops increased to 3.90 billion dollars, 16 percent above 1979. Sizable production increases occurred in corn for grain, wheat, rice, hay, and sugar beets to more than offset declines in barley, cotton, and potatoes.

FRUIT AND NUT CROPS: The total value of California's 1980 fruit and nut crop is a record $3.08 billion, 3.7 percent above last year's total value of $2.97 billion. New record values for fourteen fruit and nut crops contributed to the record crop. The 1980 grape crop value of $1.2 billion is a new high and marks the second year in a row the total grape value has exceeded $1 billion.

California's total fruit and nut production at 11,269,100 tons is a record. It surpasses the 1975 record of 9,721,650 tons by 15.9 percent. Bearing acreage is a record at 1,785,740 acres and is 1.1 percent above last year's figure of 1,765,912 acres. Average per acre value of production is a record $1,724. This is 2.6 percent above the previous record set last year of $1,681 per bearing acre.

Weather conditions were variable throughout the year. Almond production was down due to the rain at bloom. Cool weather throughout the spring and early summer held back the maturity of many crops, especially raisin grapes. Low sugar levels were encountered in raisin grapes being crushed and raisin grapes being laid for raisins. This low sugar caused poor quality for the raisin crop. Irrigation supplies were adequate throughout the year.

Citrus crops rebounded from the 1978-79 freeze to post high utilized production figures. Utilized production of Navel oranges and tangerines reached record high levels for the 1979-80 crop year.

Record high production levels were recorded for raisin grapes, wine grapes, nectarines, Navel oranges, Bartlett pears, pomegranates, and tangerines. Record high total crop values were received for avocados, cherries, dates, raisin grapes, table grapes, wine grapes, lemons, olives, Clingstone peaches, Bartlett pears, pistachios, plums, pomegranates, and prunes. Record high bearing acreages were reached for almonds, avocados, Desert Valley grapefruit, other area grapefruit, nectarines, olives, Freestone peaches, pistachios, pomegranates, and walnuts.

VEGETABLE CROPS: California produced 12.4 million tons of vegetables from 871,006 acres during 1980. Prices for most crops were up from 1979 taking the value of the 1980 production to $2.25 billion, compared with $2.22 billion in 1979.

Total production was down 7 percent from 1979's harvest of 13.3 million tons. Production for all processing crops and a number of fresh market crops was down with processing tomatoes showing the largest decrease. Partially offsetting were small production increases for snap beans, broccoli, Brussels sprouts, carrots, cauliflower, celery, sweet corn, garlic, lettuce, mushrooms, strawberries, and fresh market tomatoes.

Harvest area at 871,006 acres declined 7 percent from the previous year. All processing crops showed less acreage with processing tomatoes decreasing the most. Over half of the fresh market crops also showed minor acreage declines. Crops with increased acreage in 1980 were artichokes, asparagus, broccoli, carrots, garlic, mushrooms, and fresh market green peas, spinach, and fresh market tomatoes.

LIVESTOCK AND DAIRY: There were 4.8 million cattle and calves on California farms and ranches on January 1, 1981. The 5 percent increase during the year resulted from a rebuilding of beef breeding herds -- 14 percent more beef cows -- and a continuing increase in milk stock (4 percent more milk cows). The number of sheep and lambs on farms January 1, 1981 totaled 1.2 million, another small increase from a year earlier. The number of hogs and pigs on farms December 1, 1980 totaled 180,000 head, no change from the previous year. Cash receipts from farm marketings of meat animals during 1980 were $1,514 million, while 1980 receipts from milk and cream were $1,771 million.

POULTRY: Egg production totaled 8,796 million eggs during 1980 in California, 1 percent more than the previous year. Production of broilers and fryers totaled 152 million birds, an 11 percent increase over 1979 production. Turkey production increased 10 percent, with a total of 21 million birds raised on California farms during 1980. Cash receipts from farm marketings of eggs in 1980 were $370 million; broilers $221 million; and turkeys $179 million.

CALIFORNIA FIRSTS: Some 200 crops are recognized in California, including seeds, flowers, and ornamentals. This report contains information for 69 major crops grown on a large commercial scale in California -- 16 field crops, 21 fruits and nuts, and 32 vegetables. In addition, data are shown for 10 livestock and poultry products.

A table below lists 49 commercial crop and livestock commodities in which California leads the Nation. A large number are specialty crops in which the Golden State accounts for most of the U. S. production.

CROP AND LIVESTOCK COMMODITIES IN WHICH CALIFORNIA LEADS THE NATION

Alfalfa Seed	Celery	Lemons	Persimmons
Almonds	Chili Peppers	Lettuce	Pistachios
Apricots	Cranshaw Melons	Lima Beans	Plums
Artichokes	Cut Flowers	Mushrooms, F.M.	Pomegranates
Asparagus	Dates	Nectarines	Potted Plants
Avocados	Eggs	Nursery Products	Prunes
Broccoli	Figs	Olives	Rabbits
Brussels Sprouts	Garlic	Onions	Safflower
Cantaloups	Grapes	Oriental Vegetables	Spinach
Carrots	Honeydew Melons	Peaches	Strawberries
Casaba Melons	Kiwi	Pears	Sugar Beets
Cauliflower	Ladino Clover Seed	Persian Melons	Tomatoes, Proc.
			Walnuts

CALIFORNIA'S AGRICULTURAL COMMODITIES: Commodity ranking, acreage, production, value, crop harvest seasons, and leading producing counties, 1980

Commodity	National ranking 1/	California's share of U.S. production	Harvested acreage	Production 1/		Value 2/	Rank among all California commodities 2/	Harvest season	Leading counties
				Short tons	Metric tons				
	Number	Percent	1,000 acres	- 1,000 tons -		1,000 dollars	Number		
Alfalfa Seed	1	39.7	78.0	20.3	18.4	50,700	39	Aug. 15 - Oct. 15	Fresno, Kings, Imperial, Kern Lassen
Almonds (shelled)	1	95.0 3/	326.4	161.0	146.0	473,340	7	Aug. 5 - Oct. 30	Kern, Stanislaus, Merced, San Joaquin, Fresno
Apples	5	6.4	22.0	260.0	236.0	40,560	43	Jul. 15 - Oct. 30	Santa Cruz, Sonoma, Kern, El Dorado, San Joaquin
Apricots	1	96.6	24.9	115.0	104.0	32,200	48	June 1 - July 25	Stanislaus, San Benito, San Joaquin, Merced, Santa Clara
Artichokes	1	9/	9.9	39.6	36.0	27,473	51	Continuous	Monterey, San Mateo, Santa Cruz, Santa Barbara
Asparagus	1	47.3	27.9	39.1	36.0	40,807	42	Feb. 1 - June 30	San Joaquin, Imperial, Monterey, Contra Costa, Riverside
Fresh Market	--	81.3	---	31.6	29.0	34,957	--	- - -	- - -
Processing	--	17.1	---	7.5	7.0	5,850	--	- - -	- - -
Avocados	1	73.3	44.4	75.0	68.0	112,200	29	Nov. 1 - Oct. 31	San Diego, Santa Barbara, Ventura, Riverside, Orange
Barley	3	12.3	712.0	1,059.5	961.2	145,675	24	June 1 - Aug. 15	Fresno, Kings, San Luis Obispo, Tulare, Siskiyou
Beans, Dry	2	15.0	220.0	195.5	177.3	120,006	27	Aug. 20 - Nov. 15	Stanislaus, San Joaquin, Sutter, Solano, Tulare
Beans, Green Lima	1	55.2	20.0	33.8	31.0	15,785	60	Aug. 15 - Oct. 31	Stanislaus, Ventura, Monterey, Fresno
Beans, Snap	6	3.4	8.1	28.7	26.0	12,003	66	- - -	- - -
Fresh Market	2	10.8	3.6	16.7	15.0	9,145	--	Apr. 20 - Dec. 15	Ventura, Orange, San Diego
Processing	7	1.7	4.5	12.1	11.0	2,858	--	July 1 - Oct. 31	Stanislaus, San Joaquin, Tulare, Fresno
Broccoli	1	95.3	73.6	334.5	304.0	140,178	25	Continuous	Monterey, Santa Barbara, San Luis Obispo, Ventura, Imperial
Brussels Sprouts	1	3/	5.4	40.5	36.7	16,953	59	Aug. 1 - Mar. 15	Santa Cruz, Monterey, San Mateo
Bushberries									
Boysenberries	9/	9/	.5	3.0	3.0	2,386	74	June 1 - June 30	Fresno, Stanislaus, San Joaquin
Olallieberries	9/	9/	.4	1.8	1.7	1,116	78	June 1 - Aug. 31	Santa Cruz, Monterey
Raspberries	9/	9/	.1	.5	.4	1,641	76	June 1 - July 31	Santa Cruz, Sonoma
Cabbage	4	10.1	8.3	93.7	85.0	12,450	63	Continuous	Ventura, Monterey, Santa Barbara, San Luis Obispo, Imperial
Carrots	1	53.0	37.2	518.9	471.0	94,179	32	- - -	- - -
Desert	--	--	11.3	135.5	123.0	25,232	--	Continuous	Imperial, Riverside
Other	--	--	25.9	383.5	347.9	68,947	--	Continuous	Kern, Monterey, Santa Barbara, Riverside
Cauliflower	1	74.8	33.1	160.7	146.0	80,388	33	Continuous	Monterey, Santa Barbara, Ventura, Orange, Alameda

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Commodity	National ranking 1/	California's share of U.S. production	Harvested acreage	Production 1/		Value 2/	Rank among all California commodities 2/	Harvest season	Leading counties
				Short tons	Metric tons				
	Number	Percent	1,000 acres	- 1,000 tons -		1,000 dollars	Number		
Celery	1	62.9	20.5	581.7	528.0	94,648	31	- - -	- - -
Central Coast	--	--	9.8	282.1	256.0	44,008	--	July 1 - Dec. 31	Monterey, Santa Barbara, San Luis Obispo
South Coast	--	--	10.7	299.7	272.0	50,640	--	Nov. 1 - July 31	Ventura, Orange, San Diego
Cherries, Sweet	2	26.5	11.3	44.0	40.0	27,676	50	May 20 - June 25	San Joaquin, Santa Clara
Corn, for Grain	20	.5	270.0	1,020.6	925.9	151,268	23	Sep. 15 - Dec. 1	San Joaquin, Sacramento, Yolo, Solano, Tulare
Corn, Sweet	9	2.5	13.1	69.7	63.0	15,076	61	May 1 - Dec. 15	Riverside, Los Angeles, Orange, Solano, Contra Costa
Cotton	2	--	---	---	---	1,389,342	3	- - -	- - -
Lint	--	28.0	1,500.1	746.2	676.9	1,210,272	--	Oct. 1 - Dec. 31	Fresno, Kern, Kings, Tulare, Imperial
Seed	--	28.4	---	1,270.0	1,152.1	179,070	--	- - -	- - -
Cucumbers	4	10.2	7.1	92.8	84.0	20,282	56	- - -	San Joaquin, San Diego, Santa Clara, Tulare, Ventura
Fresh Market	--	--	3.5	40.3	37.0	11,610	--	Mar. 20 - Nov. 30	Ventura, San Diego, Orange, Tulare, Santa Clara
For Pickles	--	--	8.7	52.6	48.0	8,672	--	July 1 - Sep. 30	San Joaquin, Santa Clara, Monterey
Dates	1	65.0 3/	4.0	22.5	20.0	13,658	62	Oct. 1 - Dec. 15	Riverside, Imperial
Figs	1	65.0 3/	12.2	40.8	37.0	12,118	65	June 10 - Sep. 15	Fresno, Merced, Madera, Kern
Flowers & Foliage 5/6/	1	22.5 4/	---	---	---	395,907	9	Continuous	San Mateo, San Diego, Monterey, Santa Clara, Santa Barbara
Garlic	1	9/	15.2	98.8	90.0	35,816	46	Apr. 1 - Sep. 15	Kern, Fresno, Monterey, San Benito, Imperial
Grapefruit	3	8.2	21.5	245.0	223.0	22,227	54	- - -	Riverside, San Bernardino, Ventura, San Diego, Kern
Desert	--	--	11.1	134.0	122.0	9,786	--	Nov. 15 - July 15	Riverside, Imperial
Other	--	--	10.4	111.0	101.0	12,441	--	Mar. 20 - Oct. 30	Riverside, San Bernardino, Ventura, San Diego, Kern
Grapes	1	91.6	605.3	5,105.0	4,630.0	1,215,585	4	- - -	- - -
Raisin Type	--	--	242.2	2,690.0	2,440.0	629,460	--	July 25 - Oct. 20	Fresno, Tulare, Kern, Madera, Merced
Table Type	--	--	62.8	405.0	367.0	164,025	--	July 5 - Nov. 5	Tulare, Riverside, Kern, San Joaquin, Fresno
Wine Type	--	--	300.3	2,010.0	1,823.0	422,100	--	Sep. 5 - Oct. 30	Fresno, Napa, Kern, Sonoma, Madera
Hay	3	5.9	1,550.0	7,736.0	7,018.0	723,316	5	Mar. 1 - Oct. 31	Imperial, Kern, Merced, Fresno, Tulare
Hops	4	2.6	1.2	1.0	.9	2,736	73	Aug. 15 - Sep. 30	Sacramento, Sutter
Ladino Clover Seed	1	100.0	8.4	1.5	1.3	3,941	71	Aug. 20 - Oct. 10	Sacramento, Glenn, Tehama, San Joaquin, Sutter
Lemons	1	85.3	50.7	673.0	611.0	136,644	26	Aug. 1 - July 31	Ventura, Riverside, Tulare, Santa Barbara, San Diego

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				Short tons	Metric tons				
	Number	*Percent*	*1,000 acres*	*- 1,000 tons -*		*1,000 dollars*	*Number*		
Lettuce	1	74.4	158.8	2,301.7	2,088.0	382,563	10	- - -	- - -
Winter	--	--	---	446.5	405.0	63,492	--	Jan. 1 - Mar. 31	Imperial, Riverside
Spring	--	--	---	735.4	667.1	133,540	--	Apr. 1 - June 30	Monterey, Fresno, Kern, Santa Barbara, Santa Cruz
Summer	--	--	---	661.7	600.3	103,614	--	July 1 - Sep. 30	Monterey, San Luis Obispo, Santa Barbara, Santa Cruz, San Benito
Fall	--	--	---	458.2	415.7	81,917	--	Oct. 1 - Dec. 31	Imperial, Monterey, Riverside, Fresno, Kern
Melons									
Cantaloup	1	67.6	47.7	383.8	348.0	96,338	30	May 15 - Nov. 30	Fresno, Imperial, Merced, Riverside, Kern
Honeydew	1	71.0	11.9	111.5	101.0	26,316	53	July 10 - Nov. 30	Yolo, Stanislaus, Sutter, Imperial
Persian	1	9/	.4	3.6	3.0	1,159	77	June 25 - Oct. 31	Stanislaus, Sutter, Kern
Watermelon	3	13.7	11.4	154.3	140.0	26,477	52	May 25 - Oct. 15	Imperial, Kern, Riverside, San Joaquin, Merced
Mushrooms, Fresh Market	1	31.1	.5	39.8	36.1	73,786	35	Continuous	Monterey, Santa Clara, Santa Cruz
Nectarines	1	95.0 3/	18.6	192.5	175.0	44,468	41	June 15 - Aug. 10	Fresno, Tulare
Nursery Products 5/7/	1	18.7 4/	---	---	---	498,005	6	Continuous	Orange, Los Angeles, Kern, Ventura, San Diego
Oats	15	.9	70.0	69.4	63.0	11,284	68	June 15 - Aug. 20	Siskiyou, Butte, San Joaquin, Riverside, Solano
Olives	1	95.0 3/	37.1	111.0	101.0	38,406	45	Oct. 1 - Feb. 15	Tulare, Kern, Tehama, Madera, Glenn
Onions	1	28.4	33.1	504.2	457.0	77,446	34	Apr. 1 - Oct. 31	Kern, Fresno, Riverside, Imperial, Monterey
Oranges	2	18.9	184.8	2,235.0	2,028.0	224,548	15	- - -	- - -
Navel & Misc.	--	--	110.8	1,222.5	1,109.0	134,638	--	Nov. 1 - June 15	Tulare, Fresno, Kern, Riverside, San Bernardino
Valencia	--	--	74.0	1,012.5	919.0	89,910	--	Mar. 15 - Dec. 20	Tulare, Ventura, Orange, Riverside, Kern
Peaches	1	66.4	62.6	982.5	891.0	176,438	19	- - -	- - -
Clingstone	--	--	40.6	747.5	678.0	129,908	--	July 15 - Sep. 15	Stanislaus, Sutter, San Joaquin, Butte, Fresno
Freestone	--	--	22.0	235.0	213.0	46,530	--	May 10 - Oct. 5	Fresno, Tulare, Merced, Stanislaus, Kings
Pears	1	44.7	36.8	395.7	358.7	73,311	36	Aug. 1 - Oct. 5	Sacramento, Lake, Mendocino, Yuba, Solano
Peas, Green (Proc.)	7	2.0	5.9	9.8	9.0	2,251	75	Apr. 10 - June 10	Stanislaus, Merced, Fresno
Peppers, Bell	2	26.5	8.2	67.9	62.0	18,327	57	July 1 - Dec. 10	Santa Clara, San Joaquin, Ventura, San Benito, Merced
Peppers, Chili	1	9/	6.4	11.7	11.0	12,354	64	Sep. 15 - Dec. 15	Monterey, Orange, Tulare, Santa Clara, Fresno

CALIFORNIA'S AGRICULTURAL COMMODITIES: Commodity ranking, acreage, production, value, crop harvest seasons, and leading producing counties, 1980

Commodity	National ranking 1/	California's share of U.S. production	Harvested acreage	Production 1/		Value 2/	Rank among all California commodities 2/	Harvest season	Leading counties
				Short tons	Metric tons				
	Number	*Percent*	*1,000 acres*	*- 1,000 tons -*		*1,000 dollars*	*Number*		
Pistachios	1	95.0 3/	26.5	13.6	12.3	55,760	38	Sep. 15 - Dec. 10	Tulare, Kern, Madera, Kings
Plums	1	100.0	30.1	160.0	145.0	71,840	37	May 25 - Aug. 30	Fresno, Tulare
Pomegranates	1	95.0 3/	3.0	12.0	10.9	3,516	72	Sep. 15 - Nov. 10	Tulare, Fresno
Potatoes	5	6.2	50.5	934.6	848.0	157,590	22	Continuous	Kern, Siskiyou, Riverside, Modoc, San Joaquin
Winter	2	29.8	3.0	35.3	32.0	5,076	--	Nov. 20 - Apr. 20	Riverside
Spring	1	51.4	22.5	438.8	398.0	64,058	--	Apr. 15 - Aug. 15	Kern
Summer	1	16.3	7.6	138.7	126.0	30,514	--	June 15 - Oct. 15	Riverside, San Joaquin, Santa Barbara, San Diego, San Luis Obispo
Fall	11	2.1	17.4	321.9	292.0	57,942	--	Sep. 10 - Mar. 31	Siskiyou, Modoc, Monterey
Prunes, Dried Basis	1	100.0	73.0	163.0	148.0	112,470	28	Aug. 15 - Oct. 30	Sutter, Yuba, Butte, Tehama, Tulare
Rice	2	24.3	548.0	1,765.1	1,601.2	423,612 10/	8	Sep. 20 - Nov. 15	Colusa, Butte, Sutter, Glenn Yolo
Safflower	1	89.8 4/	105.0	126.0	114.3	35,280	47	July 1 - Sep. 15	Kings, Fresno, Sacramento, Colusa, Yolo
Sorghum Grain	7	1.9	152.0	310.7	281.9	39,502	44	Sep. 15 - Nov. 20	Sutter, Tulare, Kern, Yolo, Kings
Spinach	1	49.4	12.9	109.1	99.0	17,881	58	- - -	- - -
Fresh Market	1	46.8	3.5	26.2	24.0	10,684	--	Continuous	Ventura, Monterey, Santa Barbara
Processing, Winter	1	50.3	9.4	82.9	75.2	7,197	--	Mar. 15 - May 10	Monterey, Santa Barbara, Ventura
Strawberries	1	75.3	11.0	255.8	232.0	201,266	16	Feb. 15 - Nov. 30	Monterey, Ventura, Orange, Santa Cruz, Santa Barbara
Fresh Market	1	76.3	--	175.3	159.0	162,328	--	- - -	- - -
Processing	1	73.3	--	80.5	73.0	38,938	--	- - -	- - -
Sugar Beets	1	24.8	228.0	5,882.0	5,336.1	182,930 11/	17	Apr. 15 - Dec. 10	Imperial, San Joaquin, Fresno Merced, Solano
Sweetpotatoes	3	14.0	9.6	76.5	69.0	21,726	55	July 15 - Nov. 15	Merced, Fresno, Stanislaus
Tangerines	2	22.6	8.5	62.0	56.0	8,415	70	Nov. 1 - May 15	Tulare, Riverside, Kern
Tomatoes	1	79.2	239.2	5,898.0	5,351.0	490,310	--	- - -	- - -
Fresh Market	2	29.0	30.9	357.3	324.0	163,404	21	Apr. 15 - Dec. 31	San Diego, Monterey, San Joaquin, Fresno, Merced
Processing	1	89.2	208.3	5,540.8	5,027.0	326,906	13	June 10 - Nov. 10	Yolo, Fresno, San Joaquin, Sutter, Solano
Walnuts	1	95.0 3/	181.6	198.0	180.0	168,300	20	Sep. 25 - Oct. 30	San Joaquin, Tulare, Stanislaus, Butte, Sutter
Wheat, All	12	3.6	1,150.0	2,565.0	2,326.9	357,945	12	June 15 - Aug. 15	Imperial, Yolo, Fresno, Kings, Sacramento

CALIFORNIA'S AGRICULTURAL COMMODITIES: Commodity ranking, production, value, and leading producing counties, 1980

Commodity	National ranking 1/	California's share of U.S. production	Production	Value 2/	Rank among all California commodities 2/	Leading Counties
	Number	*Percent*	*1,000 pounds*	*1,000 dollars*	*Number*	
Beeswax	1	14.2	556	934	79	Madera, Riverside, Imperial, Fresno, Kern
Cattle and Calves	7	4.6	2,256,297	1,438,667	2	Imperial, Fresno, Merced, Tulare, Stanislaus
Chickens	8	4.7	793,896	229,177	14	Merced, Stanislaus, Fresno, San Bernardino, Tulare
Broilers and Fryers	8	4.5	701,040	220,828	--	- - -
Other	3	7.8	92,856	8,349	--	- - -
Eggs, Chicken	1	12.6	8,796 8/	370,165	11	Riverside, San Bernardino, San Diego, Stanislaus, Ventura
Hogs and Pigs	29	.1	69,176	28,412	49	Tulare, Merced, Kings, Stanislaus, San Joaquin
Honey	1	11.6	23,184	11,592	67	Madera, Riverside, Imperial, Fresno, Kern
Milk and Cream	2	10.7	13,511,000	1,771,383	1	San Bernardino, Tulare, Stanislaus, Riverside, Merced
Sheep and Lambs	3	9.4	79,650	47,100	40	Kern, Fresno, Tehama, Solano, Sonoma
Turkeys	2	13.7	415,720	178,760	18	Fresno, Merced, Madera, Tulare, Kings
Wool	2	10.3	10,478	9,221	69	Kern, Fresno, Tehama, Solano, Sonoma

1/ Based on quantity produced for crops and on quantity marketed for livestock and poultry products.

2/ Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.

3/ Virtually all commercial production is in California. Data for other growing areas are not available.

4/ Share of U.S. production basis 1969 Census of Agriculture.

5/ Extracted from Agricultural Commissioners' Annual Reports.

6/ Includes cut flowers, potted plants, foliage plants, bedding plants, and indoor decoratives.

7/ Includes trees, shrubs, vines, bulbs, turf, and cut Christmas trees, etc., not included in flowers and foliage category.

8/ Millions of eggs.

9/ Not available.

10/ The 1980 price and value are based on U.S. average price.

11/ Value of production based on 1979 price.

STATE COMMODITY RANKING: California's "Top Twenty" crop and livestock commodities account for about 80 percent of the State's gross farm income. In 1980, dairy products, cattle and calves, and eggs continued to dominate the livestock industry, while cotton, grapes, hay, nursery products, almonds, and rice were the most important crops.

California agriculture is considered one of the most diversified in the world, with no one crop dominating the State's farm economy. This is illustrated by the fact that most crops individually account for less than 2 percent of the State's total gross farm income. California leads the Nation by a wide margin in the production of fruits and nuts and vegetables. California accounts for 50 percent of the Nation's cash receipts for fruits and nuts; while for vegetables, its share is about one-third.

RANKING AND VALUE, 20 LEADING FARM PRODUCTS, CALIFORNIA, 1979 - 80

Farm Product	Commodity ranking		Value 1/		Percentage of State total	
	1979	1980	1979	1980	1979	1980
	- Number -		- - 1,000 dollars - -		- Percent -	
Milk and Cream	2	1	1,453,330	1,771,383	11.0	12.8
Cattle and Calves	1	2	1,881,017	1,438,667	14.3	10.4
Cotton	3	3	1,352,859	1,389,342	10.3	10.0
Grapes	4	4	1,073,444	1,215,585	8.1	8.8
Hay	5	5	634,665	723,316	4.8	5.2
Nursery Products	8	6	420,825	498,005	3.2	3.6
Almonds	6	7	579,040	473,340	4.4	3.4
Rice	12	8	325,101	423,612	2.5	3.1
Flowers and Foliage	11	9	357,367	398,907	2.7	2.9
Lettuce	10	10	368,521	382,563	2.8	2.8
Chicken Eggs	9	11	368,851	370,165	2.8	2.7
Wheat	14	12	227,543	357,945	1.7	2.6
Tomatoes, Processing	7	13	428,625	326,906	3.3	2.4
Chickens	15	14	187,440	229,177	1.4	1.7
Oranges	13	15	256,695	224,548	2.0	1.6
Strawberries	18	16	169,692	201,266	1.3	1.5
Sugarbeets	16	17	177,686	182,930	1.4	1.3
Turkeys	20	18	154,611	178,760	1.2	1.3
Peaches	19	19	167,602	176,438	1.3	1.3
Walnuts	17	20	176,176	168,300	1.3	1.2

1/ Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.

PRINCIPAL GROUPINGS: The combined acreage of principal crops in 1980 totaled 9.5 million acres, slightly above acres harvested in 1979. Fruit and nut bearing acreage increased to 1,785,740 acres in 1980 from 1,765,910 in 1979. Field crop acreage increased from 6,684,000 in 1979 to 6,826,000 in 1980. Vegetable acreage for 1980 was 871,006, down 7 percent from 1979's record 936,048 acres. California's harvested farm production in 1980 was 51.3 million tons, up 4 percent from 1979's 49.2 million tons.

ACREAGE AND PRODUCTION BY PRINCIPAL GROUPINGS FOR CALIFORNIA, 1978 - 80

Year		Field Crops	Fruit and Nut Crops	Vegetables and Melons	Total
		- - - - - - - - - - - - - - - - Acres - - - - - - - - - - - - - - - -			
Acreage Harvested:	1978	6,537,200	1,730,320	895,897	9,163,417
	1979	6,684,000	1,765,910	936,048	9,385,958
	1980	6,826,000	1,785,740	871,006	9,482,746
		- - - - - - - - - - - - - - - - Short tons - - - - - - - - - - - - - - - -			
Production:	1978	22,061,100	9,182,600	11,859,500	43,103,200
	1979	26,226,000	9,662,370	13,348,400	49,236,770
	1980	27,569,000	11,269,100	12,447,900	51,286,000
		- - - - - - - - - - - - - - - - Metric tons - - - - - - - - - - - - - - - -			
	1978	20,013,700	8,330,315	10,758,757	39,102,772
	1979	23,792,100	8,765,555	12,109,465	44,667,120
	1980	25,010,500	10,223,156	11,292,545	46,526,201

FARM AND RANCH INCOME AND EXPENSES: Recent increases in California's farm income and the growth in production expenses are shown in the following tables. No adjustments have been made for the effects of inflation on these costs and returns so the change in net income does not show actual change in purchasing power. Changes in land values are not included in this estimate of income from California farms and ranches.

Hired labor remains the largest expense item for California growers and ranchers. Taxes in farm property declined between 1977 and 1978 due to the effects of Proposition 13. Increases in all other items reflect rising costs and the effect of inflation.

(4)

GROSS AND NET INCOME FROM FARMING, CALIFORNIA

Item	1977	1978	1979
		Million dollars	
Cash Receipts from Farm Marketings	9,361.9	10,470.3	12,679.9
Government Payments	75.2	56.8	61.3
Nonmoney Income	231.9	247.0	283.7
Other Farm Income	188.9	205.9	257.8
Total Gross Farm Income	9,857.7	10,979.9	13,282.7
Farm Production Expenses	8,005.0	8,457.5	9,933.2
Net Farm Income Before Inventory Adjustment	1,852.6	2,522.3	3,349.4
Net Change in Farm Inventories	89.6	-127.5	97.8
Net Farm Income After Inventory Adjustments	1,942.2	2,394.8	3,447.2

FARM PRODUCTION EXPENSES, CALIFORNIA

Item	1977	1978	1979
		Million dollars	
Current Farm Operating Expenses:			
Feed	1,299.1	1,225.4	1,476.8
Livestock	505.9	864.8	936.6
Seed	174.2	201.5	240.2
Fertilizer and Lime	332.8	336.7	291.5
Repairs and Operation of Capital Items	421.9	452.6	560.9
Hired Labor	1,942.3	1,800.5	2,093.6
Miscellaneous	1,428.0	1,660.7	2,078.9
Total Current Expenses	6,104.2	6,542.3	7,678.5
Depreciation of Farm Capital	908.0	938.0	1,116.3
Taxes on Farm Property	485.3	327.4	325.3
Interest on Farm Mortgage Debt	364.6	451.0	567.9
Net Rent to Nonfarm Landlords	143.1	198.8	245.3
Total Production Expenses	8,005.0	8,457.5	9,933.2

CONSUMPTION OF COMMERCIAL FERTILIZER PRIMARY PLANT NUTRIENTS, CALIFORNIA 1/

Primary Nutrient	1978	1979	1980
		Tons	
Nitrogen	544,719	575,090	649,852
Phosphate	203,530	208,648	220,356
Potash	73,631	69,437	82,453
Total	821,880	853,175	952,662

1/ Year ending June 30.

NUMBER OF FARMS AND INVESTMENTS: California, which is the second largest state in the conterminous United States with a land area of 100.2 million acres, had an estimated 33.9 million acres in farms in 1980. California farmers produced 10 percent of the National gross cash receipts from farming in 1980. This production was realized from 80,000 farms, or 3 percent of the Nation's total (based on the definition of places with annual sales of agricultural products of $1,000 or more).

The average California farm was estimated at 424 acres in 1980, valued at $604,600 including buildings. Nationally, the average farm size in 1980 was 429 acres and valued at $290,000 including buildings.

LAND VALUES: The State average value per acre as of February 1, 1981 was $1,723, up from the $1,412 recorded in 1980. This compares with the average U.S. value of $790 in 1981 and $720 in 1980. The following tables summarize average market values per acre for specified use of California farmlands by major districts.

AVERAGE VALUE OF LAND PER ACRE BY DISTRICT, CALIFORNIA - FEBRUARY 1, 1980-81

Land Use	Northern California 1/		Central Coast		Sacramento Valley		San Joaquin Valley		Southern California	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
	Dollars									
Irrigated:										
Truck and Vegetables	---	---	4,900	5,890	2,820	3,384	3,545	4,190	4,670	6,180
Intensive Field Crops 2/	1,770	2,020	2,870	3,210	2,540	2,900	3,010	3,590	2,880	3,580
Extensive Field Crops 3/	1,220	1,610	2,090	2,820	2,210	2,570	2,680	3,180	2,890	3,350
Pasture	1,000	1,350	1,830	2,090	1,595	1,980	1,970	2,140	2,330	2,410
Nonirrigated:										
Cropland	620	710	1,000	1,360	1,140	1,320	1,210	1,480	---	---
Pasture	580	630	780	940	810	1,050	845	1,050	---	---
Rangeland 4/	320	400	570	670	460	500	550	620	---	---

1/ Excluding Sacramento Valley.
2/ Includes land used for cotton, sugar beets, rice, etc.
3/ Includes land used for barley, beans, corn, and sorghum.
4/ Unimproved.

AVERAGE VALUE OF ORCHARDS, VINEYARDS, AND GROVES BY DISTRICT, CALIFORNIA, MARCH 1, 1980 - 81 1/

Specialty Crop	Central Coast		Sacramento Valley		San Joaquin Valley		Southern California	
	1980	1981	1980	1981	1980	1981	1980	1981
	Dollars							
Walnuts, English	6,200	8,200	5,700	7,150	6,800	8,300	---	---
Apples	8,400	8,900	---	---	---	---	---	---
Almonds	---	---	5,150	6,450	8,050	9,150	---	---
Peaches	---	---	4,850	5,600	7,800	8,300	---	---
Pears	6,000	8,000	4,750	5,620	---	---	---	---
Apricots	6,000	8,200	---	---	6,300	7,450	---	---
Prunes	5,900	7,870	4,400	5,350	5,950	7,450	---	---
Plums	---	---	---	---	8,300	8,900	---	---
Olives	---	---	---	---	4,250	5,400	---	---
Avocados	---	---	---	---	8,600	9,290	17,200	18,300
Grapes, Raisin	---	---	---	---	10,150	10,200	---	---
Grapes, Wine	10,300	14,250	---	---	7,900	8,250	---	---
Grapes, Table	---	---	---	---	9,300	9,350	---	---
Oranges, Valencia	---	---	---	---	6,150	6,900	9,100	11,400
Oranges, Navel	---	---	---	---	6,350	6,950	8,600	11,250
Lemons	---	---	---	---	5,900	6,950	11,900	15,250
Grapefruit	---	---	---	---	6,100	6,780	8,500	10,500

1/ Excludes nonbearing acreage and farm buildings.

FARM LABOR

Hired farm labor accounts for more than three-quarters of the labor used on California farms. Hired farm labor includes labor performed on farms by agricultural service firms, such as labor contractors, milk testing, pest control, etc.

Wage rates for hired farm workers in mid-April averaged $4.72, up from $4.33 a year earlier. Wage rates do not include the full cost of employing farm labor -- benefits, etc. are not included.

NUMBER OF WORKERS ON CALIFORNIA FARMS, AND WAGE RATES BY METHOD OF PAY

Survey Week 1/	Number of Farm Workers			Wage Rates by Method of Pay					
	Family	Hired	Total	All Hired Farm Workers	By Piece-Rate	By Other Than Piece-Rate	By Hour Only	By Cash Wages Only	By Hour Receiving Cash Wages Only
	1,000 persons			Dollars per hour					
January 1978	46	156	202	3.92	4.43	3.80	3.63	3.83	3.50
April	65	208	273	3.75	4.70	3.63	3.40	3.65	3.37
July	69	283	352	3.62	4.59	3.49	3.34	3.58	3.31
October	62	227	289	3.93	4.96	3.72	3.52	3.95	3.47
January 1979	57	164	221	4.03	4.51	3.95	3.59	4.04	3.63
April	63	212	275	4.12	5.29	3.95	3.65	4.13	3.63
July	67	293	360	3.96	5.34	3.78	3.62	3.95	3.61
October	65	320	385	4.45	5.72	4.27	4.03	4.26	3.95
January 1980	54	180	234	4.46	4.66	4.43	4.09	4.49	4.02
April	63	197	260	4.33	4.95	4.26	4.04	4.27	4.00
July	71	294	365	4.45	5.23	4.30	3.98	4.38	4.01
October	73	243	316	4.96	6.43	4.50	4.32	4.77	4.29
January 1981	53	186	239	4.97	6.10	4.76	4.37	4.94	4.35
April	67	206	273	4.72	6.43	4.54	4.32	4.47	4.16

WAGE RATES BY TYPE OF WORK PERFORMED

Survey Week 1/	Field Work	Livestock Work	Packinghouse Work	Machine Operator	Supervisor	Other
	Dollars per hour					
January 1978	3.70	3.29	3.86	4.21	5.59	4.61
April	3.45	3.42	3.75	3.86	5.59	5.04
July	3.27	3.64	4.13	3.95	5.36	5.56
October	3.68	3.37	4.33	4.19	5.63	5.09
January 1979	3.74	3.53	3.93	4.06	5.82	5.19
April	3.84	3.99	4.58	4.08	5.67	5.54
July	3.69	3.77	4.45	4.16	5.69	2/
October	4.29	3.88	3.96	4.47	5.85	5.57
January 1980	4.10	2/	2/	4.46	6.16	2/
April	4.01	4.22	2/	4.49	5.94	2/
July	4.17	4.50	4.49	4.58	5.93	5.02
October	4.88	2/	2/	5.03	6.42	2/
January 1981	4.52	2/	2/	5.15	7.12	2/
April	4.39	4.31	2/	5.04	6.73	2/

1/ The survey covers a one week period (week containing the 12th of the month) in each month shown.

2/ Insufficient data for this category.

PRICES RECEIVED FOR FIELD CROPS, CALIFORNIA

Year and Month 1/	Wheat per cwt.	Oats per cwt.	Barley per cwt.	Sorghum Grain per cwt.	Dry Beans per cwt.	Potatoes per cwt.	All Hay per ton	Alfalfa Hay per ton	Cotton per lb.
	Dollars								
1980 January	7.05	5.34	5.88	4.95	27.80	5.35	112.00	116.00	.769
February	6.93	5.25	6.04	4.90	27.50	5.55	111.00	116.00	.836
March	6.58	5.78	6.25	4.90	28.50	5.45	108.00	112.00	.825
April	6.37	5.50	5.90	--	28.30	6.60	108.00	110.00	.820
May	6.37	5.50	5.42	--	27.10	6.40	95.50	100.00	.837
June	6.25	--	5.81	6.60	28.30	7.30	95.00	99.50	.732
July	6.90	6.71	6.33	--	29.70	8.05	91.00	95.00	.782
August	8.15	--	6.56	--	30.20	9.40	89.50	94.00	.888
September	7.80	6.56	6.81	6.25	30.50	13.20	87.00	91.00	.925
October	7.88	7.19	7.46	6.40	30.50	11.10	91.00	93.50	.757
November	7.87	8.44	7.04	6.38	29.70	8.95	93.00	96.50	.804
December	7.53	8.34	7.56	6.38	29.50	8.45	99.50	101.00	.845
1980 Average	6.98	8.13	6.88	6.36	30.70	--	93.50	--	.820
1979 Average	6.88	6.56	5.63	5.10	27.90	4.96	87.00	--	.700
1978 Average	5.42	5.00	4.90	4.40	23.70	6.96	59.50	--	.633

PRICES RECEIVED FOR FRUIT CROPS, CALIFORNIA

Year and Month 1/	Apples Fresh per lb.	Peaches Fresh per lb.	Pears Fresh per lb.	Navel Oranges Fr. per ctn.	Valencia Oranges Fr. per ctn.	Grapefruit Fresh per ctn.	Lemons Fresh per ctn.	Tangerines Fresh per ctn.
	Dollars							
1980 January	--	--	--	4.60	--	5.49	5.90	9.57
February	--	--	--	4.90	3.30	6.14	7.20	5.70
March	--	--	--	5.20	3.30	5.88	7.50	5.45
April	--	--	--	5.10	2.70	5.23	8.10	1.34
May	--	.204	--	5.10	3.90	5.19	8.10	1.34
June	--	.126	--	3.30	4.40	6.27	9.10	1.34
July	--	.098	.278	--	4.70	5.15	10.50	--
August	--	.110	.261	--	4.30	6.52	30.40	--
September	.162	.077	.216	--	5.90	6.82	19.40	--
October	.114	--	.192	11.10	7.30	7.82	16.60	--
November	.100	--	.217	11.10	10.00	--	11.30	15.10
December	.109	--	--	6.50	6.70	--	9.70	15.10
1980 Average	--	--	--	5.70	4.22	5.65	11.30	9.20
1979 Average	.123	.132	.248	9.76	9.52	7.87	11.74	15.10
1978 Average	.103	.150	.264	7.74	8.21	6.35	8.47	10.20

PRICES RECEIVED FOR LIVESTOCK AND LIVESTOCK PRODUCTS, CALIFORNIA

Year and Month 1/	All Beef Cattle per cwt.	Cows per cwt.	Steers and Heifers per cwt.	Calves per cwt.	Lambs per cwt.	Milk Wholesale per cwt.	Broilers per lb.	Turkeys per lb.	Eggs per doz.
	Dollars								
1980 January	63.60	47.90	66.50	79.60	68.70	12.76	.320	.380	.531
February	65.40	50.40	68.30	81.40	64.20	12.71	.315	.350	.473
March	63.90	47.60	67.60	79.10	69.80	12.54	.325	.370	.538
April	61.60	44.60	65.60	66.70	58.60	12.54	.315	.330	.473
May	61.00	42.60	65.00	74.10	59.30	12.53	.320	.330	.404
June	61.60	43.10	65.80	68.80	63.30	12.55	.305	.340	.441
July	64.70	43.10	69.10	68.50	63.20	12.49	.290	.390	.420
August	66.30	46.10	70.20	71.20	66.60	12.68	.285	.430	.501
September	65.20	49.00	68.60	69.50	67.30	12.89	.295	.460	.543
October	64.70	48.50	68.10	69.50	63.00	13.42	.340	.510	.543
November	63.00	46.00	66.90	68.80	65.50	13.66	.350	.520	.593
December	61.80	46.30	67.70	65.20	57.00	13.81	.345	.500	.657
1980 Average	63.60	46.20	67.50	71.60	63.00	13.11	.315	.430	.505
1979 Average	65.80	49.80	69.10	76.70	66.60	11.64	.295	.410	.508
1978 Average	48.80	36.50	51.40	51.00	60.90	10.20	.283	.436	.460

1/ Marketing year.

California's Leading Agricultural Counties by Total Value of Production - 1980

Rank	County	Dollar Value
1	Fresno	2,002,319,000
2	Tulare	1,337,069,000
3	Kern	1,272,487,000
4	Merced	794,097,000
5	San Joaquin	760,956,000
6	Imperial	757,185,000
7	Monterey	745,479,000
8	Stanislaus	742,426,000
9	Riverside	692,504,000
10	Kings	635,234,000
11	San Bernardino	511,702,000
12	Ventura	484,336,000
13	San Diego	412,019,000
14	Madera	396,046,000
15	Santa Barbara	300,018,000
16	Sutter	299,064,000
17	Los Angeles	261,982,000
18	Orange	246,744,000
19	Yolo	234,734,000
20	Butte	229,189,000
21	Sacramento	221,189,000
22	Colusa	200,427,000
23	Glenn	195,118,000
24	Sonoma	194,808,000
25	San Luis Obispo	159,933,000
26	Solano	152,996,000
27	Siskiyou	147,117,000
28	Santa Clara	129,995,000
29	Santa Cruz	118,152,000
30	San Mateo	117,160,000
31	San Benito	100,029,000
32	Yuba	89,645,000
33	Tehama	89,370,000
34	Modoc	83,324,000
35	Napa	66,947,000

Source: California Agricultural Commissioners' Annual Reports

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VALUE OF LEADING AGRICULTURAL EXPORTS:
COMMODITY GROUPS VALUED AT PORT OF EXPORTATION, CALENDAR YEAR 1980

Rank	Commodity Group	Value ($1,000)
1	Cotton Lint	1,135,559
2	Almonds	429,817
3	Rice	318,808
4	Wheat	298,509
5	Grapes (including table, raisin, and wine)	230,864
6	Oranges (including fresh, juice, processed, and oil)	177,095
7	Lemons (including fresh, juice, processed, and oil)	93,310
8	Cattle and Products (including beef, veal, hides, skins, and tallow)	91,762
9	Walnuts	82,957
10	Peaches (including portion of canned mixtures)	75,372
11	Prunes	64,861
12	Tomatoes	52,894
13	Cottonseed	50,633
14	Dairy Cattle and Products	42,277
15	Alfalfa (including cubes, meal, and seed)	42,276
16	Dry Beans	42,093
17	Chickens and Products	39,429
18	Lettuce	29,740
19	Onions	28,497
20	Pears (including portion of canned mixtures)	18,477
21	Grapefruit	17,821
22	Strawberries	14,882
23	Dates	13,444
24	Plums	13,278
25	Flowers and Plants	13,051

CALIFORNIA COUNTY AGRICULTURAL COMMISSIONERS

County	Commissioner	Address
Alameda	Michael A. Greene	224 W. Winton Ave., Rm. 184, Hayward 94544
Amador	David A. Thompson, Jr.	Amador County Airport Bldg., Sutter Hill, (P. O. Box 10), Jackson 95642
Butte	Joe E. Bandy	316 Nelson Ave., (P. O. Box 1229), Oroville 95965
Calaveras	Jearl Howard	County Gov't. Center, El Dorado Rd., San Andreas 95249
Colusa	Wilbur C. Disney, Jr.	751 Fremont St., Colusa 95932
Contra Costa	John DeFremery	161 John Glenn Dr., Buchanan Airport, Concord 94520
Del Norte	Don Bush	2650 Washington Blvd., Crescent City 95531
El Dorado	Edio P. Delfino	311 Fair Ln., Placerville 95667
Fresno	Cosmo C. Insalaco	1730 S. Maple Ave., Fresno 93702
Glenn	Ed Romano	720 N. Colusa St., (P. O. Box 351), Willows 95988
Humboldt	Edward R. Urban	5630 S. Broadway, (P. O. Box 3576), Eureka 95502
Imperial	Claude M. Finnell	Courthouse, El Centro 92243
Inyo	Donald R. Muse	Co. Services Bldg., 207 W. South St., Bishop 93514
Kern	Robert A. Edwards	2610 M St., (P. O. Box 1351), Bakersfield 93302
Kings	M. Hugh Handley	Kings County Gov't. Center, 280 Campus Dr., (Box C), Hanford 93230
Lake	Edward Thompkins	883 Lakeport Blvd., Lakeport 95453
Lassen	Fredric L. Evans	175 Russell Ave., Susanville 96130
Los Angeles	Paul B. Engler	3400 La Madera Ave., El Monte 917327
Madera	Donald O. Cripe	128 S. Madera Ave., Madera 93637
Marin	R. Allan Ballard	Marin County Civic Center, Rm. 422, San Rafael 94903
Mariposa	Donald O. Cripe	P. O. Box 905, Mariposa 95338
Mendocino	Theodore Erikser., Jr.	579 Low Gap Rd., (Mail -- Courthouse), Ukiah 95482
Merced	Rex C. Lyndall	533 W. 26th St., Merced 95340
Modoc	Kenneth W. Wright	202 W. Fourth St., Alturas 96101
Mono	Donald R. Muse	Co. Services Bldg., 207 W. South St., Bishop 93514
Monterey	Richard W. Nutter	120 Wilgart Way, (P. O. Box 1370), Salinas 93901
Napa	Stephen J. Bardessono	1436 Polk St., Napa 94558
Nevada	John Taylor	Veterans' Memorial Bldg., 255 S. Auburn St., Grass Valley 95945
Orange	William Fitchen	1010 S. Harbor Blvd., Anaheim 92805
Placer	John H. Wilson	11477 E. Ave. West, Auburn 95603
Plumas	Frederick H. Surber	Fairgrounds Rd., Rt. 1, Box 230-A, Quincy 95971
Riverside	Robert M. Howie	4080 Lemon St., Rm. 19, Riverside 92501
Sacramento	Leland Brown	4137 Branch Center Rd., Sacramento 95827
San Benito	John M. Edmondson	3220 Southside Rd., (P.O. Box 699), Hollister 95023
San Bernardino	Roger L. Birdsall	777 E. Rialto Ave., San Bernardino 92415
San Diego	Kenneth K. Little, Jr.	5555 Overland Ave., Bldg. 3, San Diego 92123
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San Luis Obispo	Earl R. Kalar	San Luis Obispo Airport, (P. O. Box 637), San Luis Obispo 93401
San Mateo	George Ginilo	Agric. Bldg., 728 Heller, (P. O. Box 999), Redwood City 94064
Santa Barbara	Graydon B. Hall, Jr.	1105 Santa Barbara St., Santa Barbara 93101
Santa Clara	Chester O. Howe	1555 Berger Dr., Bldg. 2, Rm. 209, San Jose 95112
Santa Cruz	John Simmen	1430 Freedom Blvd., Watsonville 95076
Shasta	C. Bruce Wade	2430 Hospital Ln., Rm. 40, Redding 96001
Sierra	Frederick H. Surber	Fairgrounds Rd., Rt. 1, Box 230-A, Quincy 95971
Siskiyou	Edmond W. Hale	525 S. Foothill Dr., Yreka 96097
Solano	Richard E. Lawley	2000 W. Texas St., Fairfield 94533
Sonoma	Harry F. McCracken	2604 Ventura Ave., Rm. 101, Santa Rosa 95401
Stanislaus	Hugh Sinclair	725 County Center Three Ct., Modesto 95355
Sutter	Alfred C. Perrin, Jr.	142 Garden Highway, Yuba City 95991
Tehama	Donald R. Hill	1760 Walnut St., (P. O. Box 38), Red Bluff 96080
Trinity	Paul E. Smith	Civil Defense Hall, Basement (P. O. Box 1466), Weaverville 96093
Tulare	Clyde R. Churchill	County Civic Center, Visalia 93277
Tuolumne	Gerald A. Benincasa	9. N. Washington St., Sonora 95370
Ventura	Earl McPhail	815 Santa Barbara St., Agricultural Building, (P. O. Box 889), Santa Paula 93060
Yolo	Herbert Chandler	70 Cottonwood St., Woodland 95695
Yuba	Earnie E. Vickrey	938 - 14th St., Marysville 95901

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Word Processing	Nancy Winkler
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Animal Health, Bureau of	Dr. P. L. Smith
Livestock Identification, Bureau of	O. W. Hooten
Meat Inspection, Bureau of	Dr. L. G. Billingsley
Milk and Dairy Foods Control, Bureau of	L. H. Lockhart
Veterinary Laboratory Services	Dr. J. S. Orsborn
Fairs and Expositions, Division of	George J. Gomes

DIVISION AND STAFF FUNCTIONS *(Continued)*

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Chemistry Laboratory Services	George Tichelaar
Egg Quality Control	*(Vacant)*
Feed, Fertilizer, and Livestock Drugs	James H. Helmer
Fruit & Vegetable Quality Control Processing	Marvin Boring
Shipping Point Inspection	Harold Wilhelm
Standardization	Reginald Marcellino
Grain and Commodity Inspection	David E. Edmiston
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Agricultural Statistics, Bureau of	R. A. McGregor
Market Enforcement, Bureau of	Donald W. Fultz
Market News, Bureau of	Don A. Lockhart
Marketing, Bureau of	Richard E. Gassman
Direct Marketing Program	Les Portello
Milk Marketing Enforcement, Bureau of	V. L. Shahbazian
Milk Pooling, Bureau of	Glenn T. Gleason
Milk Stabilization, Bureau of	V. L. Shahbazian
Measurement Standards, Division of	Ezio Delfino, Chief
Pest Management, Environmental Protection and Worker Safety, Division of	Rex Magee, Assistant Director
Pesticide Enforcement	Lori Johnston
Environmental Monitoring and Pest Management	Olaf Leifson
Pesticide Registration and Agricultural Productivity	George A. Reese, Sr.
Worker Health and Safety	Keith T. Maddy
Plant Industry, Division of	Robert Roberson, Assistant Director
Control and Eradication	James W. Koehler
Emergency and Special Projects	I. A. Siddiqui
Exclusion and Detection	Arthur A. Millecan
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1980-81 Season Rainfall Accumulated to June 5, with Comparisons to Normal

California Stations	Precipitation, Inches		1980/81 as percent of normal
	July 1, 1980 to June 5, 1981	Normal July 1 - June 30	
	- - - - Inches - - - -		Percent
NORTH COAST			
Eureka	28.89	39.76	73
Ukiah	26.67	35.94	74
Santa Rosa	20.62	29.25	71
Lakeport	22.82	28.52	80
St. Helena	27.07	33.11	82
CENTRAL COAST			
San Francisco AP	14.10	19.53	72
San Jose	11.64	13.11	89
Livermore	10.94	14.40	76
Salinas AP	9.81	14.14	69
King City	7.23	10.46	69
Paso Robles	11.10	12.25	91
SACRAMENTO VALLEY			
Red Bluff AP	19.64	22.06	89
Willows	17.37	17.70	98
Chico	22.43	26.06	86
Marysville	18.57	20.59	90
Woodland	15.25	17.28	88
Sacramento AP	11.97	17.22	70
SAN JOAQUIN VALLEY			
Stockton AP	10.95	14.17	77
Merced	9.21	12.12	76
Fresno AP	8.23	10.24	80
Five Points	6.19	6.53	95
Kettleman Station	5.74	6.24	92
Porterville	10.07	11.06	91
Bakersfield AP	4.95	5.72	87
SOUTH COAST			
Santa Maria AP	13.64	12.25	111
Santa Barbara AP	14.56	15.60	93
Oxnard	11.83	14.75	80
Los Angeles	8.98	14.06	64
Riverside	6.31	9.92	64
Corona	6.00	12.42	48
San Diego AP	8.10	9.45	86
SOUTHEASTERN INTERIOR			
Bishop AP	3.46	5.72	60
Lancaster	5.82	6.80	86
Daggett AP	2.81	4.70	60
Thermal AP	2.45	2.93	84
Blythe AP	1.25	3.96	32
Imperial	1.87	2.84	66
CASCADE - SIERRA			
Tulelake	9.04	10.21	89
Mt. Shasta City	20.69	37.49	55
Blue Canyon AP	39.48	67.58	58
Yosemite Valley	18.10	36.51	50
Huntington Lake	28.84	32.45	89

Source: National Weather Service Office, Sacramento, California